

PROGRESS REPORT ON PRIORITY DEFICIENCIES OF RESEARCH

BY EIC SUBCOMMITTEE ON PETROLEUM

PETROLEUM IN THE SINO-SOVIET BLOC

EIC-8-1/4
Progress Report
1 July 1957

Gaps in Intelligence

Progress to Date

I. Critical Deficiencies

1. Consumption of Petroleum in Sino-Soviet Bloc

a. Military

1.a.(1) EIC-PSC-WP-1 (Limited Distribution), Military Consumption of Petroleum Products, Sino-Soviet Bloc, 1950-55, 1 April 1956, Secret, partially fills this gap.

1.a.(2) EIC has approved EIC-P-19, Military Consumption of Petroleum Products, Sino-Soviet Bloc, 1956 and Forecast for 1957, which will update intelligence on this gap.

b. Civil

1.b.(1) CIA/RRR's FY 1958 program includes a project on civil consumption in the USSR for the period 1953-1957.

1.b.(2) CIA/RR FR-132, Civil Consumption of Petroleum Products in Rumania, 1950-55, 20 Jan 1956, Secret, partially fills that portion of the gap which relates to Rumania.

1.b.(3) CIA/RR FR-121, Petroleum in East Germany (1950-54), 29 Aug 1955, Secret/NOFORN/Continued Control, partially fills that portion of the gap which relates to East Germany.

1.b.(4) That portion of the gap relating to the remainder of the Sino-Soviet Bloc continues to be critical. Projects to fill the gaps will be initiated as information and manpower become available.

Gaps in Intelligence

Progress to Date

II. Current Important Problems

1. Flow pattern of Petroleum in Sino-Soviet Bloc

a. Intra-Bloc trade

1.a. CIA/CRR Project 25.1577, Intra-Bloc Trade in Petroleum 1952-56 scheduled for completion July 1957 will provide current statistics on intra-Bloc trade flow.

b. Actual shipments to non-Bloc countries

1.b. Completed CIA/CRR Project 25.1576, Sino-Soviet Bloc Trade in Petroleum with the Free World, 1950-56, April 1957, Secret/HQFORN, Provides current statistics on Bloc-Free world trade.

c. Petroleum transportation system in the USSR

1.c. CIA/CRR Project 25.872, Pipelines for Fuel Gases and Petroleum Oils in the USSR, May 1957, Secret/HQFORN/Continued Control, provides current information on the facilities portion of this gap.

2. Compilation of petroleum statistics on the Sino-Soviet Bloc.

a. Production of crude oil, natural gas, etc.

2.a. CIA/PR 75, Production of Petroleum Components in the Sino-Soviet Bloc, 1945-60, 31 July 1956 provides current statistics. Annual revisions of the data in the forecast section will be covered in HIE's.

b. Refineries - installation, capacity, output

2.b.(1) CIA/CRR Project 25.195, Petroleum Refineries in the Soviet Bloc, 1 September 1954, partially fills this gap.

2.b.(2) An Air, AFOLR, project covering that portion of the gap which relates to the USSR is scheduled for completion in September 1957.

2.b.(3) CIA/CRR's FY 1958 program includes a project on the output of petroleum products in the European Satellites which will partially fill that portion of the gap which relates to the European Satellites.

<u>Gaps in Intelligence</u>	<u>Progress to Date</u>
II. <u>Current Important Problems</u> (Cont'd)	
2. Compilation of petroleum statistics on the Sino-Soviet Bloc. (Cont'd)	
b. Refineries - installation, capacity, output (Cont'd)	2.b.(4) AIS 3-23 <u>An Air Target Study of Industrial Resources in the Soviet Bloc: Communist China's Petroleum Refining and Synthetic Fuels Industry</u> , August 1955, Secret, partially fills that portion of this gap which relates to Communist China.
	2.b.(5) CIA/RR FR-145, <u>Petroleum in Communist China</u> , 30 July 1956, Secret, partially fills that portion of the gap which relates to Communist China. Updating will be effected in RIE's.
c. Output of refined petroleum products	2.c.(1) CIA/RR FR-135, <u>Output of Refined Petroleum Products in the USSR (1946-54)</u> , 8 March 1956, partially fills that portion of the gap which relates to the USSR.
	2.c.(2) AIS 3-29 <u>An Air Target Study of USSR Production and Availability of Petroleum Products (Unclassified)</u> , February 1956, Secret, partially fills that portion of the gap which relates to the USSR.
	2.c.(3) CIA/RR's FY 1958 program includes a project on the output of petroleum products in the European Satellites.
	2.c.(4) CIA/RR FR-145, <u>Petroleum in Communist China</u> , 30 July 1956, partially fills that portion of the gap which relates to Communist China. Updating will be effected in RIE's.
d. Crude oil and petroleum product pipelines	2.d. CIA/RR Project 25.872, <u>Pipelines for Fuel Gases and Petroleum Oils in the USSR</u> scheduled for completion May 1957, will provide current data relating to the USSR.

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<u>Gaps in Intelligence</u>	<u>Progress to Date</u>
II. <u>Current Important Problems (Cont'd)</u>	
3. Crude oil production in Rumania	3. No longer considered to be a priority gap.
4. Storage capacity in the Sino-Soviet Bloc (with tentative stock estimate)	4.(1) <u>AIS 3-24 An Air Target Study of Industrial Resources in the Soviet Bloc: Capacity and Distribution of USSR Fuel Storage Facilities, October 1955, Secret, partially fills that portion of the gap which relates to the USSR.</u> 4.(2) AIR, AFOSM, has scheduled for completion in FY 1958, a project which will update intelligence on this gap.

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EIC Subcommittee on Petroleum

Agreed Basic Statistics-1956

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(1 July 1957)

	USSR	ALBANIA	BULGARIA	CZECHO-SLOVAKIA	E. GERMANY	HUNGARY	POLAND	ROMANIA	CONGOLISP CHINA	NORTH KOREA	NORTH VIETNAM	OUTER MONGOLIA
Crude Oil Production	83.8	0.270	0.247	0.140	g/	1.200	0.184	10.9	1.200 g/	0	0	0.200
Petroleum Products (total)	69.5 g/	0.105 g/	0.047	0.860	2.200	1.350	0.850	9.0 g/	1.245	0.036	0	0.170
From Natural Crude Oil	68.7 g/	0.105 g/	0.047	0.460	0.650	1.350	0.750	9.0 g/	0.785 h/	0.016	0	0.170
From Synthetic Sources	0.8	0	0	0.400	1.600	0	0.100	0	0.460	0.020	0	0
Imports of Crude Oil (total)	0.075	0	0	0.434	0.730	0.329	0.700	0	0.250	g/	0	0
From Bloc	0.075	0	0	0.078	0.299	0.081	0.360	0	0.250	g/	0	0
From West	0	0	0	0.356	0.431	0.248	0.340	0	0	0	0	0
Imports of Products (total)	5.002	0.051	0.356	0.207	0.137	0.206	0.553	0.010	1.500	H.A.	0.022	g/
From Bloc	5.002	0.051	0.356	0.207	0.137	0.206	0.553	0.010	1.500	H.A.	0.022	g/
From West	0	0	0	0	0	0	0.100	0	g/	0	0	0
Exports of Crude Oil (total)	1.941	0.165	0.192	0	0	0.149	0	0.075	0	0	0	0
To Bloc	0.596	0.165	0.182	0	0	0.149	0	0.051	0	0	0	0
To West	1.345	0	0.010	0	0	0	0	0.025	0	0	0	0
Exports of Products (total)	4.693	0	0.010	0.043	0.520	0.363	0.098	7.236	0	0	0	0
To Bloc	1.743	0	0	0.006	0.336	0.253	0	5.534	0	0	0	0
To West	2.950	0	0.010	0.037	0.184	0.107	0.098	1.502	0	0	0	0
Crude Oil Distillation Capacity	92.4 g/	0.180	0.090	0.550	0.200	1.500	0.850	11.0	1.318	0.020	0	0.200 g/
Synthetic Production Capacity	1.0	0	0	0.400	2.200	0	0.100	0	0.500	0.020	0	0
Product Storage Capacity	24.16 g/	0.090	0.190	0.450	0.530	0.250	0.630	1.710	1.000	0.050	0.030	H.A.

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Footnotes:

- a. Less than 50 thousand tons.
- b. Excludes an estimated 6.3 million tons of crude oil consumed in the field and liquid products consumed in the refineries.
- c. As of 31 December 1956.
- d. Includes both primary and secondary storage capacity as of 31 December 1956.
- e. Excludes an estimated 22 thousand tons of refined asphalt.
- f. Excludes an estimated 460 thousand tons of crude oil consumed in the field and liquid products consumed in the refineries.
- g. Includes 540 thousand tons from shale and other synthetic sources.
- h. Includes yield (based on 90%) of products from 250 thousand tons of imported crude oil.
- i. Estimated on the basis of crude oil production.